

## FINAL INSPECTION REPORT

**PROJECT:** Kyle Canyon Water District Leak Detection Equipment Installation  
**DATE:** June 16, 2008  
**STATUS:** Completion and Performance Report  
**OVERSITE:** James Ciesielski, Maintenance Engineer, P.E.  
Vern Price, Distribution System Supervisor

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### SUMMARY

Consistent with the project Scope of Work, the Las Vegas Valley Water District (LVVWD) has installed and maintained 28 Metrolog leak detection devices (loggers) and one control unit in the Kyle Canyon water distribution system. The loggers are moved to various areas within the area's distribution system as needed.

All costs have been accrued for this project and submitted for reimbursement. The remaining \$482.70 allocated to the project will not be required and may be de-obligated at this time.

### PERFORMANCE REPORT

Since the completion of installation, the Metrolog units have been read on a quarterly basis and were successful in identifying five major leaks (up to 50 gallons per minute). Without the leak detection equipment, the leaks would have been undetectable, due to the porous and rocky soil composition in the area. The leaks were immediately addressed and saved a significant amount of water during a period of Concerned and Critical Operating Conditions for the system.

### Engineer Certifications

The undersigned certificate that the work has been carefully inspected and performed in accordance with the plan specifications and contract documents.

Engineer: James Ciesielski, P.E.

License No. 16839

Authorized Signature

Date

6/18/08

For Vern Price, Distribution Supervisor – Project Manager

Authorized Signature

Date

6/18/08

### Certified Engineers Seal



